

Name: _____

pb1103: Factoring when $a = \text{prime}$ (v49)

1. Factor the expression $7x^2 - 59x + 24$

$$(7x - 3)(x - 8)$$

2. Factor the expression $11x^2 - 3x - 8$

$$(11x + 8)(x - 1)$$

3. Factor the expression $11x^2 - 25x + 6$

$$(11x - 3)(x - 2)$$

4. Factor the expression $11x^2 + 83x + 42$

$$(11x + 6)(x + 7)$$

5. Factor the expression $7x^2 - 12x + 5$

$$(7x - 5)(x - 1)$$

6. Factor the expression $7x^2 - 27x + 18$

$$(7x - 6)(x - 3)$$

7. Factor the expression $5x^2 - 13x - 28$

$$(5x + 7)(x - 4)$$

8. Factor the expression $5x^2 + 29x - 6$

$$(5x - 1)(x + 6)$$

9. Factor the expression $7x^2 - 23x + 18$

$$(7x - 9)(x - 2)$$

10. Factor the expression $3x^2 - 11x + 6$

$$(3x - 2)(x - 3)$$